

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. Canceled

3. (Currently Amended) An expression vector comprising a polynucleotide of claim 1 any one of claims 20, 22 and 25, operably linked to an expression control sequence.

4. (Original) A host cell transformed or transfected with an expression vector according to claim 3.

5-10. Canceled

11. (Currently Amended) A composition comprising a first component selected from the group consisting of physiologically acceptable carriers and immunostimulants, and a second component selected from the group consisting of a polynucleotide according to any one of claims 20, 22 and 25 or an expression vector comprising a polynucleotide according to any one of claims 20, 22, and 25 claim 1 or an expression vector according to claim 3.

12-17. Canceled

18. (Previously Presented) An expression vector according to claim 3, wherein the vector is a viral vector.

19. (Previously Presented) An expression vector according to claim 3, wherein the vector is a viral vector selected from the group consisting of an adenovirus vector, adeno-associated virus vector, semliki forest virus vector, sindbis virus vector, pox virus vector, vaccinia virus vector, avian poxvirus vector, avipox virus vector, fowlpox virus vector, canarypox virus vector, alphavirus vector, fowlpox virus vector or lentivirus vector.

20. (Currently Amended) An isolated polynucleotide according to claim 1 encoding at least an immunogenic portion of the polypeptide encoded by SEQ ID NO: 110, wherein the immunogenic portion is selected from the group consisting of amino acid residues 106-553, 136-547 or 1-472 of the polypeptide encoded by SEQ ID NO: 110.

21. Canceled

22. (Currently Amended) An isolated polynucleotide according to claim 1 encoding at least an immunogenic portion of the polypeptide encoded by SEQ ID NO: 110, wherein the immunogenic portion is selected from the group consisting of amino acid residues 1-325, 58-76, 39-57 or 1-19 of the polypeptide encoded by SEQ ID NO: 110.

23-24. Canceled

25. (Currently Amended) An isolated polynucleotide ~~according to claim 1~~
~~encoding at least an immunogenic portion of the polypeptide encoded by SEQ ID NO: 110,~~
wherein the immunogenic portion is selected from the group consisting of amino acid residues
181-198 or 296-322 of the polypeptide encoded by SEQ ID NO: 110.

26. (Canceled)

27. (Currently Amended) A recombinant vector comprising a polynucleotide
~~encoding at least an immunogenic portion of the polypeptide encoded by SEQ ID NO: 110 of~~
any one of claims 20, 22 and 25.

28-36. Canceled